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Great Lakes Navigation Stakeholder Meeting Shallow Draft Harbor Needs & Issues February 6, 2008

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Great Lakes Navigation
Business Line Manager**



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Topics for Discussion

Shallow Draft Harbor Funding

- > Historic Perspective
- > 2008 Omnibus Bill Regional Dredging Provision
- > 2008 Harbor Dredging & Structural Repair Plan
- > Dredging w/ Contributed Funds

Discussion of Budget Process

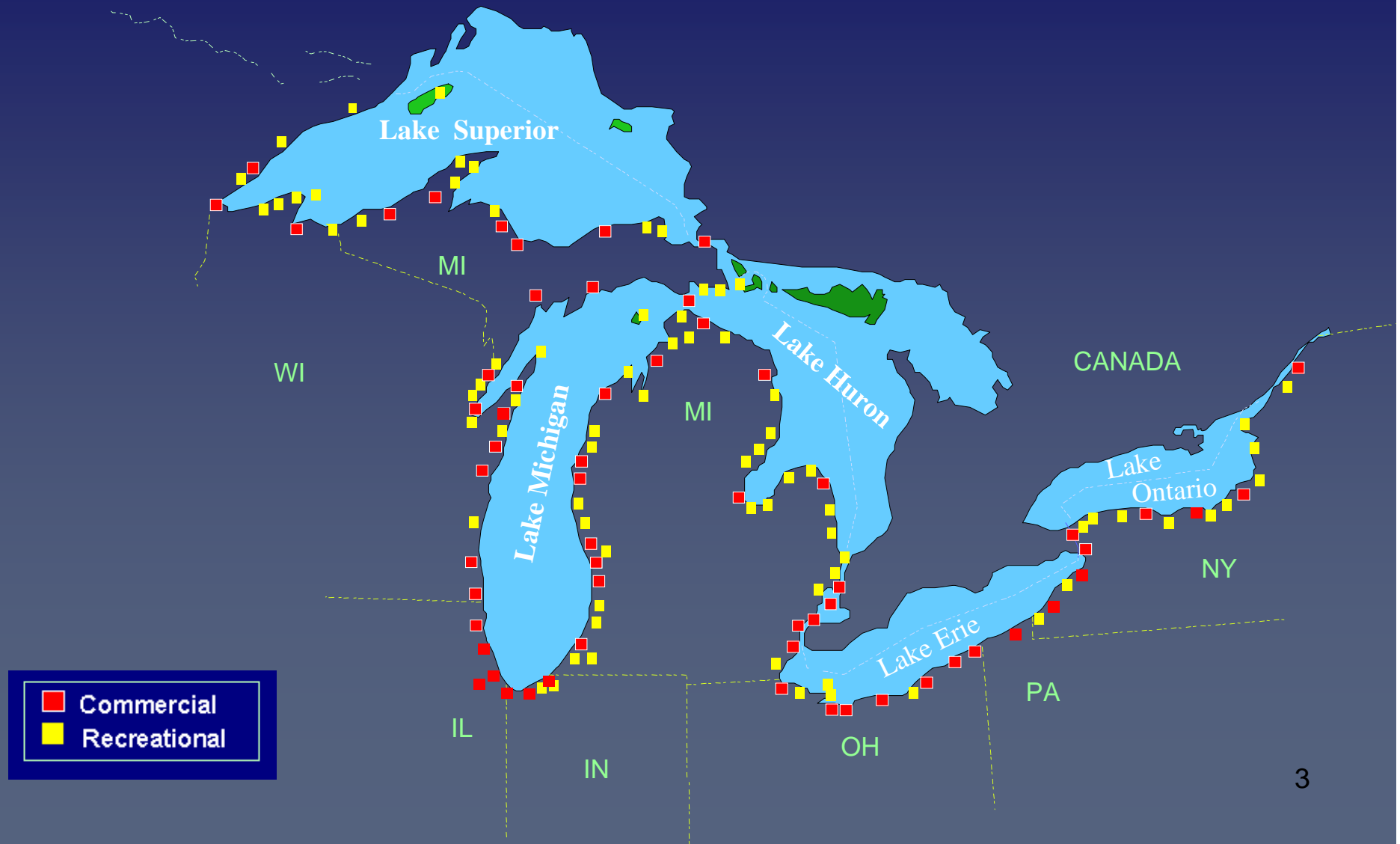
- > Annual Budget Cycle
- > FY09 President's Budget
- > Identification of Needs – Fact Sheets
- > Stakeholder Involvement

Stakeholder Feedback



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Federal Harbors on the Great Lakes





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Shallow Draft Harbor Challenges

Low Budget Priority

-> Trend prior to 2008 of decreasing funding for shallow draft harbors

Low Lake Levels

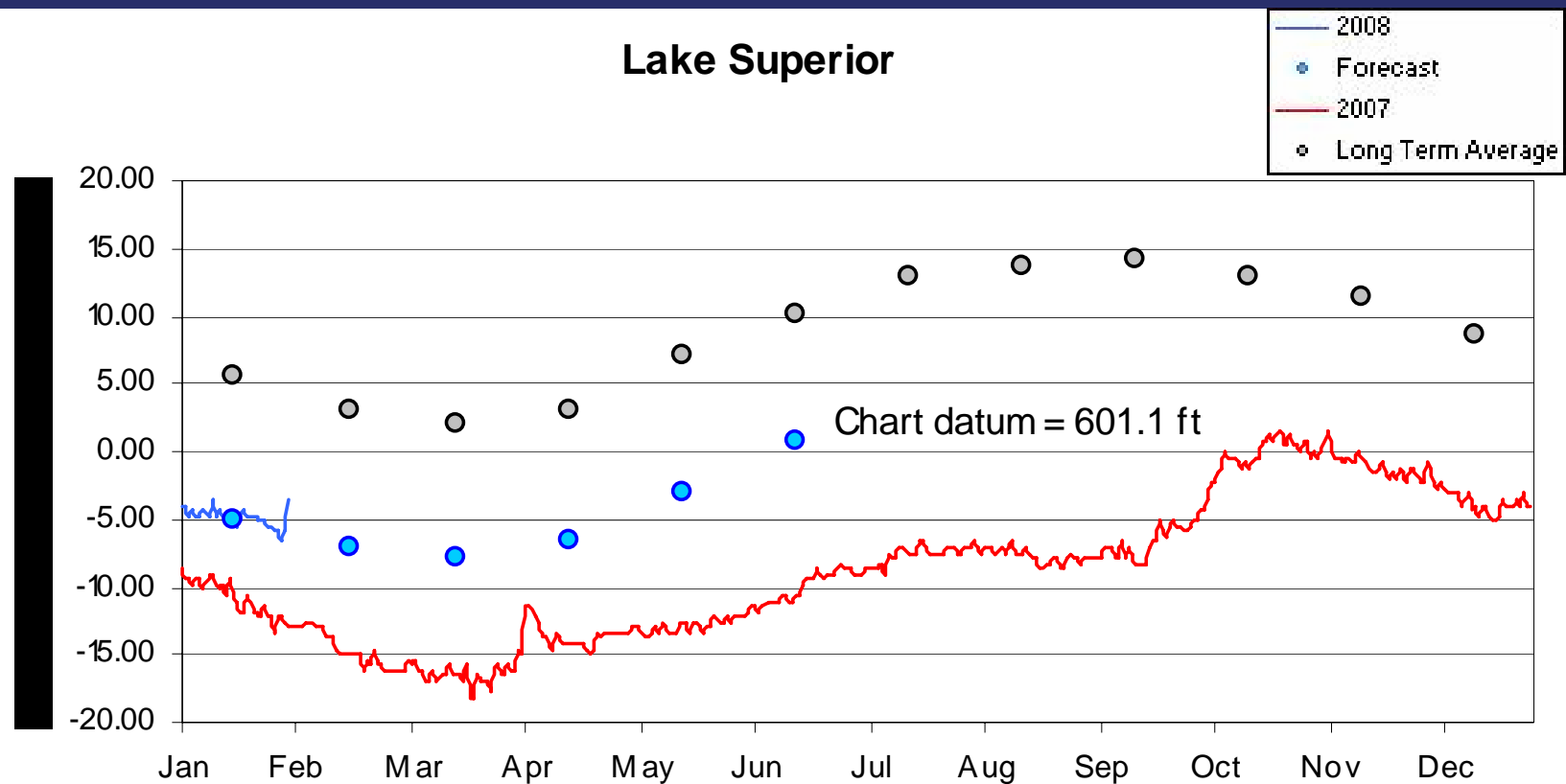
-> Need for dredging increased by low lake levels on upper Great Lakes

-> Low lake level trends will continue through 2008



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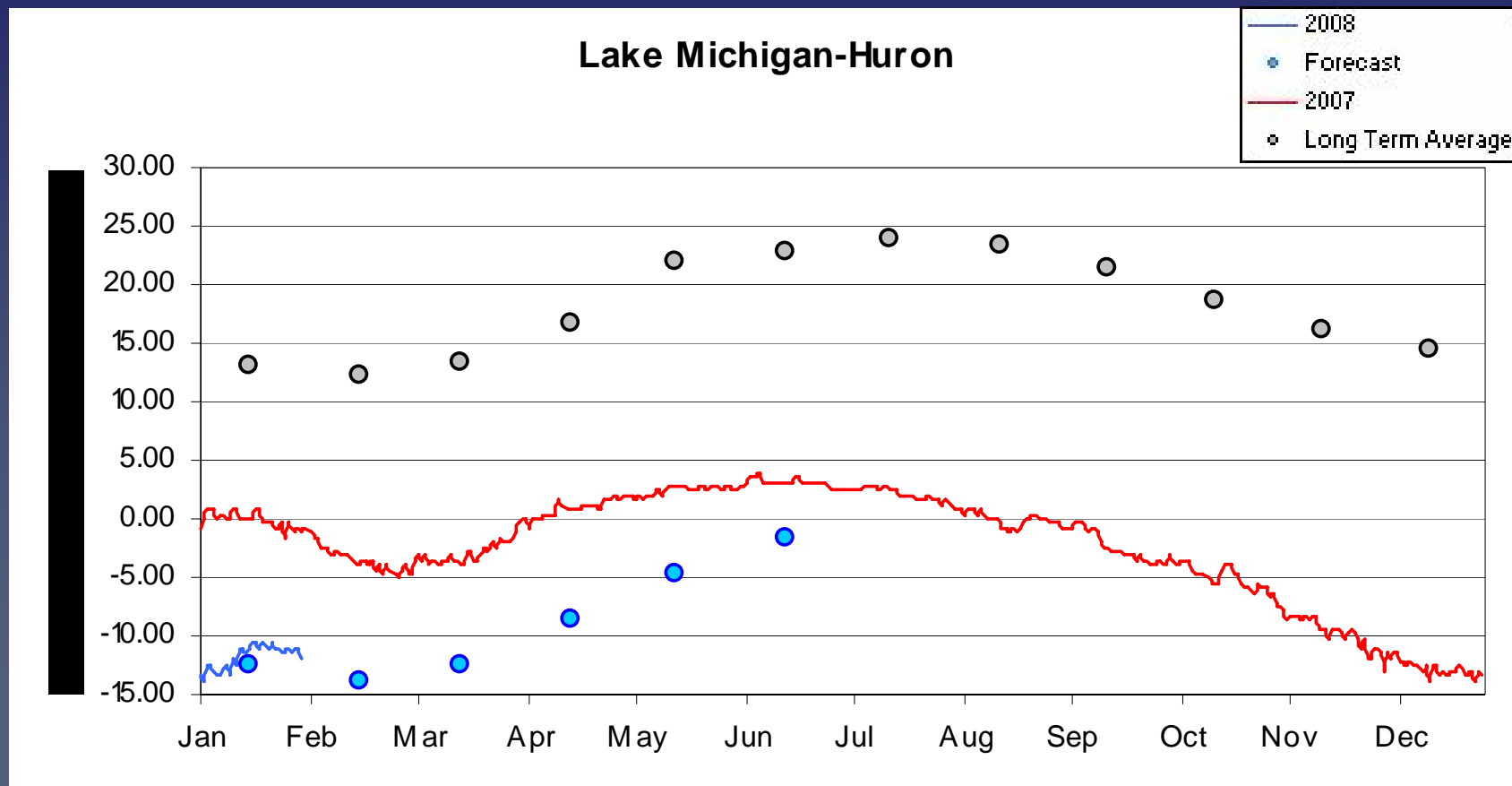
Lake Superior





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Lakes Michigan-Huron

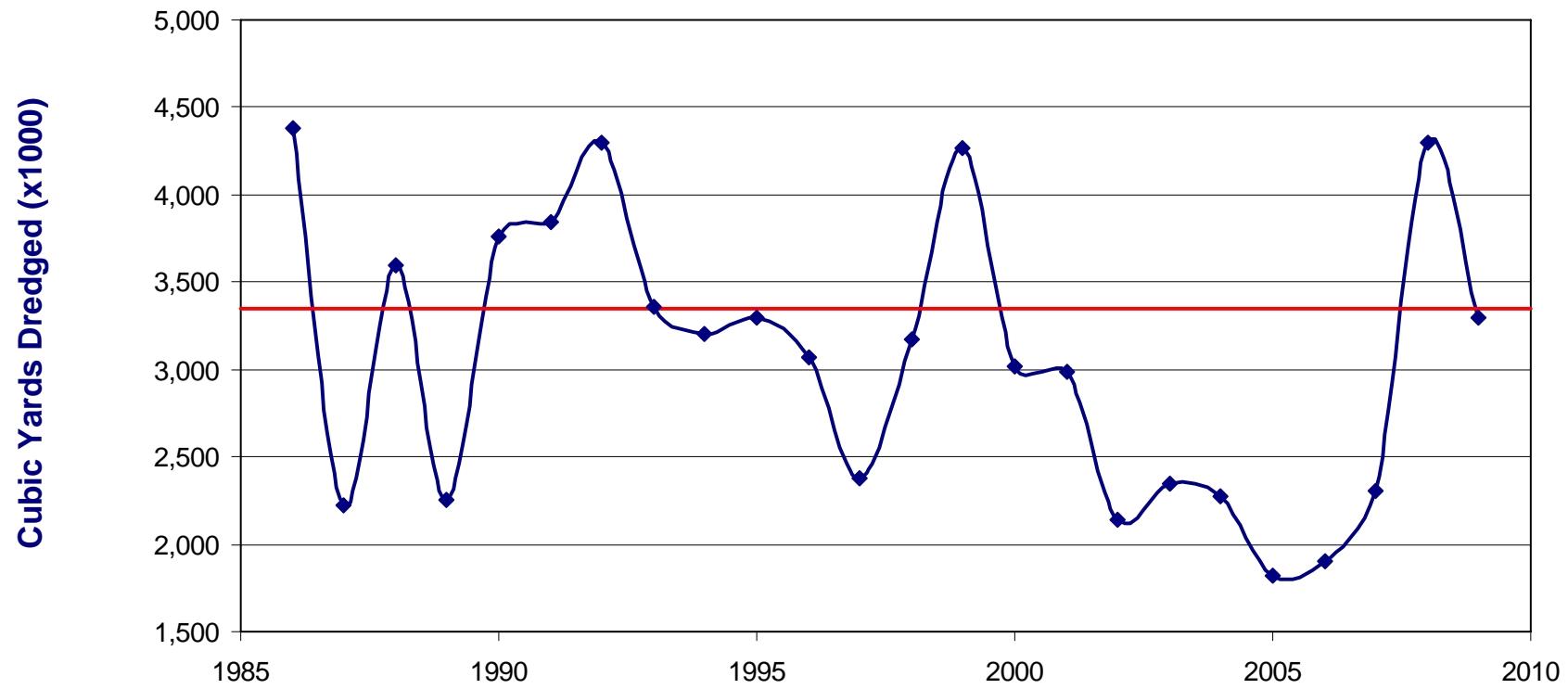




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Great Lakes Dredging Trends

Annual Great Lakes Dredging 1986-2008





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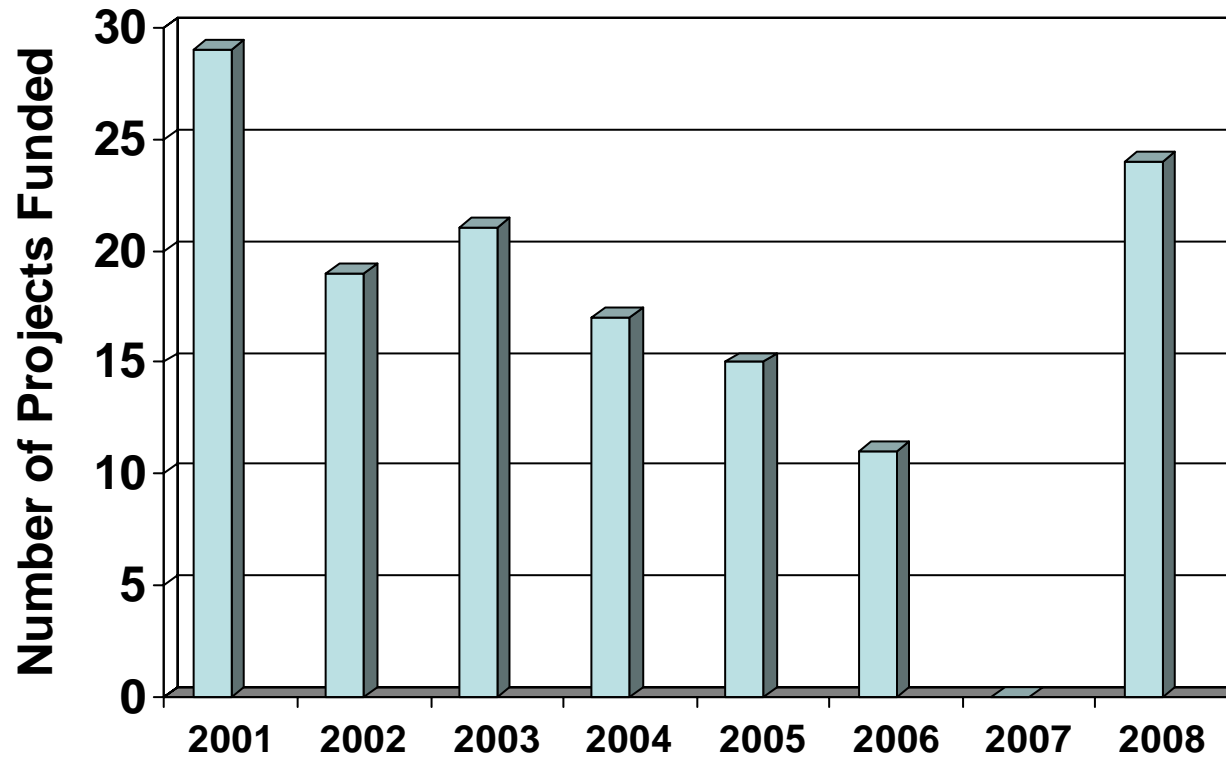
Shallow Draft Harbor Funding Trend

<u>Fiscal Year</u>	<u>Harbors Funded</u>
2001	29
2002	19
2003	21
2004	17
2005	15
2006	11
2007	0
2008	24 (planned)



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Historical Shallow Draft Harbor Funding





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2008 Omnibus Bill

Regional Dredging Provisions

Lake Superior Small Harbor Dredging \$1,564,000

> 7 shallow draft harbors:

**Grand Marais, MN
Port Wing, WI
Cornucopia, WI
La Pointe, WI
Big Bay, MI
Little Lake, MI
Whitefish Point, MI**



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2008 Shallow Draft Harbor Dredging & Structure Repairs

<u>LOCATION</u>	<u>TYPE OF WORK</u>	<u>Expected Work Period</u>
Arcadia Hbr, MI	Dredging	15 April – 15 June
AuSable Hbr, MI	Dredging	1 July – 20 July
Big Bay Hbr, MI	Dredging	15 June – 20 July
Bolles Hbr, MI	Dredging	1 July – 15 July
Clinton River, MI	Dredging	1 Sept – 30 October
Cornucopia Hbr, WI	Dredging	1 June – 30 July
Crooked River Lock, MI	Struct. Upgrades	August – Sept.
Irondequoit, NY	Dredging	30 May – 14 August
Grand Marais, MN	Dredging	1 August – 15 Sept.
Leland Hbr, MI	Dredging	15 April – 15 June
Lexington Hbr, MI	Dredging	15 April – 15 May
Little Lake Hbr, MI	Dredging	1 May – 20 June ¹¹
Michigan City Hbr, IN	Dredging	1 April – 1 May



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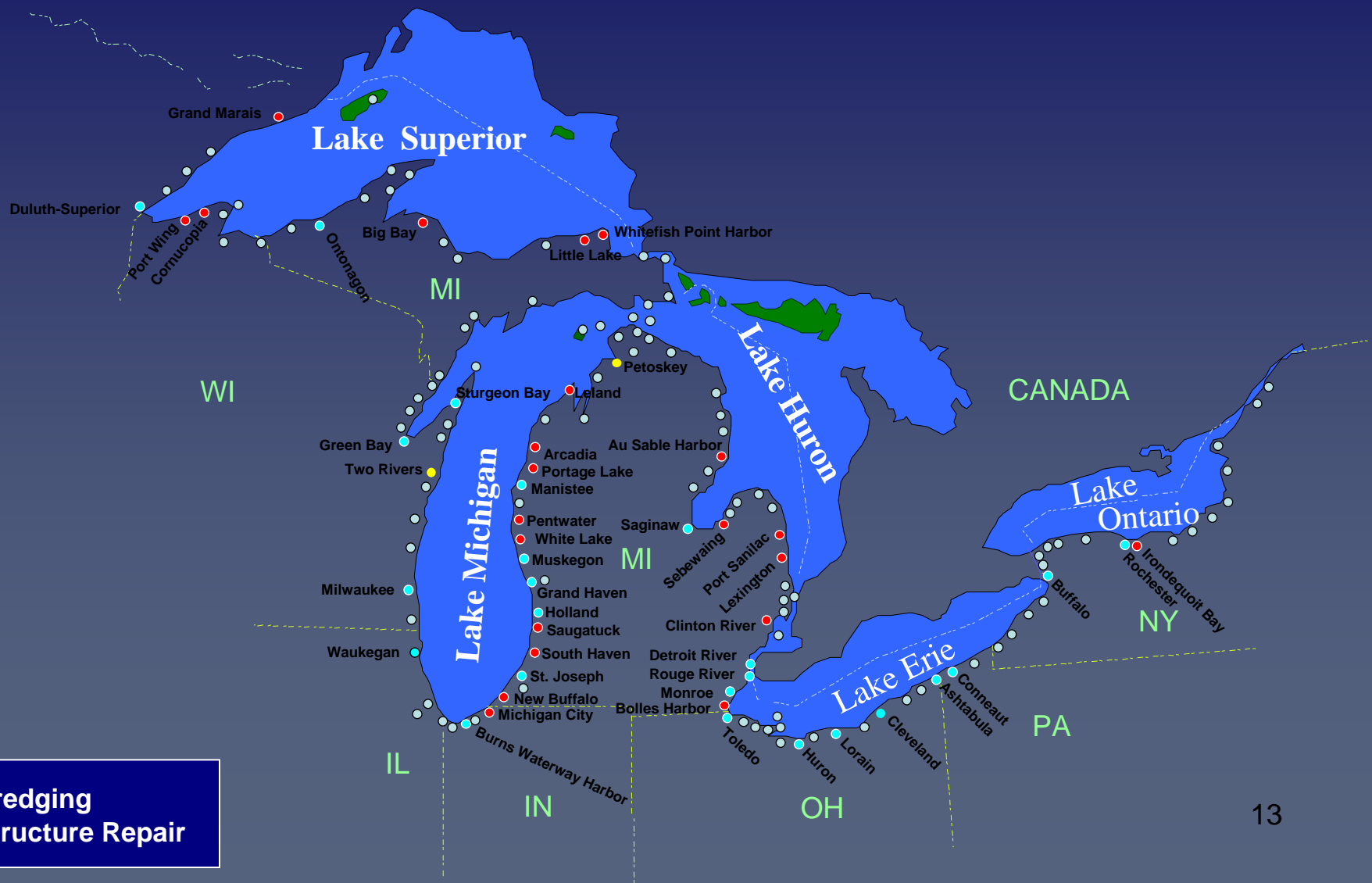
2008 Shallow Draft Harbor Dredging & Structure Repairs

<u>LOCATION</u>	<u>TYPE OF WORK</u>	<u>Expected Work Period</u>
New Buffalo Hbr, MI	Dredging	15 April – 31 May
Pentwater Hbr, MI	Dredging	15 April – 15 June
Petoskey Hbr, MI	Breakwater Rehab.	1 August – 31 Oct.
Port Sanilac Hbr, MI	Dredging	15 April – 15 May
Port Wing Hbr, WI	Dredging	1 June – 30 July
Portage Lake Hbr, MI	Dredging	15 June – 15 July
Saugatuck Hbr, MI	Dredging	1 July – 30 July
Sebewaing River, MI	Dredging	1 July – 30 August
South Haven Hbr, MI	Dredging	1 July – 30 July
Two Rivers Hbr, WI	North Pier Rehab.	15 May – 15 Sept.
White Lake Hbr, MI	Dredging	15 June – 15 July
Whitefish Point Hbr, MI	Dredging	15 June – 20 July ²



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Expected FY08 Shallow Draft Work





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Dredging w/ Contributed Funds

- Dredged Leland and Arcadia Harbors in FY07 w/ non-Federal funds
- Required entering into Memorandum of Agreement (MOA) w/ local entities
- MOA required ASA(CW) Approval prior to Execution



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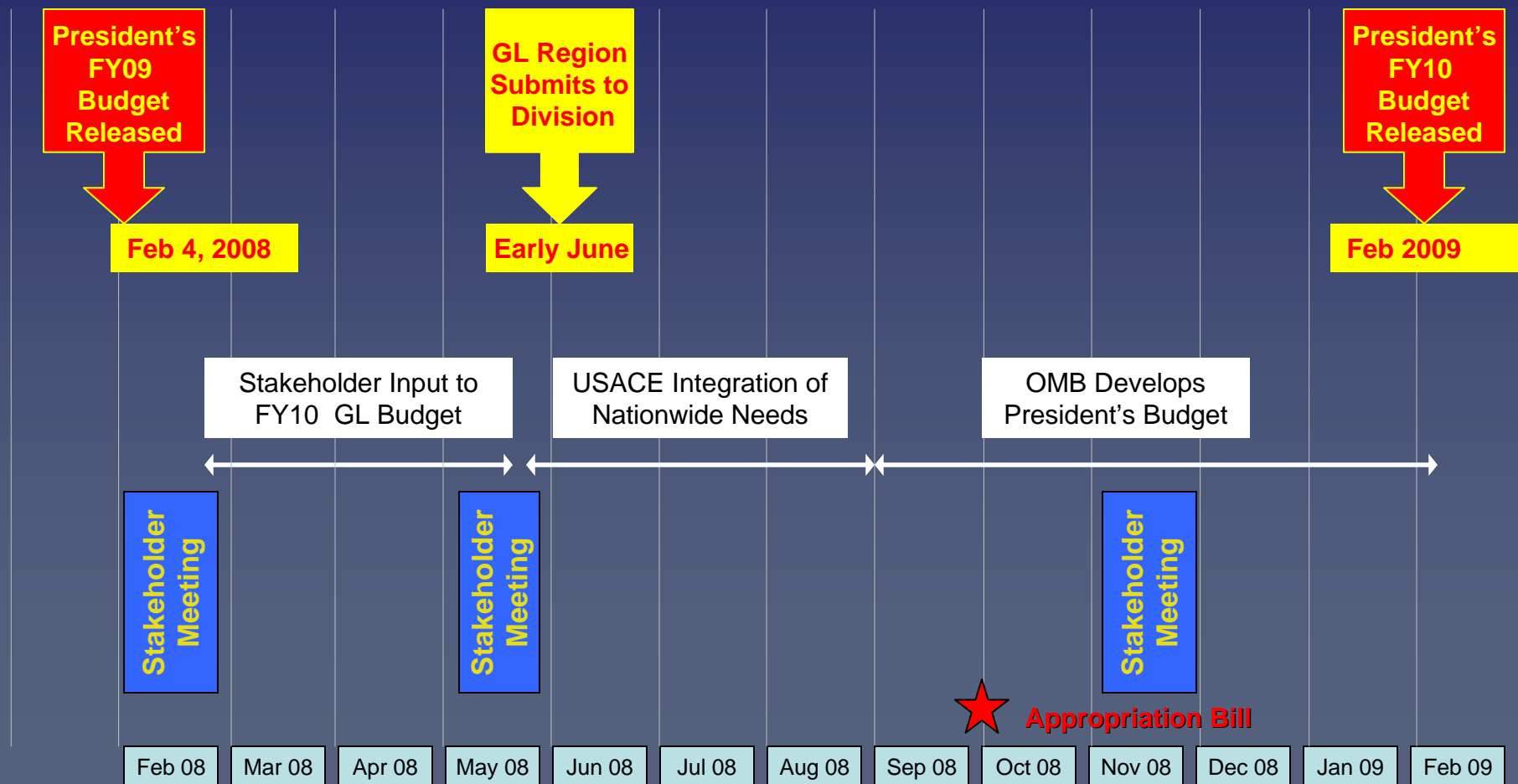
Budget Process

- Overview of Budget Process
- FY09 President's Budget
- Identifying Needs
- Stakeholder Involvement



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Annual Budget Process





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FY09 President's Budget

- \$0 for Shallow Draft Harbors
- Nation and the USACE have many important and competing funding priorities
- With the limited funding available, operations and maintenance funding for deep draft navigation projects usually takes priority over shallow draft harbors



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Identifying Needs Harbor Fact Sheets

- Identifying Critical Needs at your Harbor or Project
- Identifying the Economic and Social Impacts Related to Maintaining the Authorized Project
- Identifying Other Critical Factors (safety concerns, etc.)



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Project Fact Sheets

- Concise information on each harbor
- We will continue to refine the information with your help



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Whitefish Point Harbor, MI

Harbor Features

- Located on the south shore of Lake Superior, about 55 miles east of Grand Marais, MI and 40 miles west of Sault Ste. Marie, MI.
- Authorization: River & Harbor Act of 2 Mar 1945, 17 Aug 1967.
- Shallow draft recreational harbor.
- Project depth is 12 feet.
- Approximately 8 acres of maintained Federal channel.
- More than 1,500 feet of breakwaters.
- Harbor of Refuge.
- Dredged material is placed along the beach as beach nourishment.
- Major stakeholders include Michigan DNR, Great Lakes Shipwreck Historical Society, Native American fishermen, and a variety of sport fishing interests.

Project Needs

- This harbor has not been dredged since 2000 and now has a critical dredging need.
- Requires maintenance dredging of approximately 17,000 cubic yards every 10 years.
- Navigation structures are primarily maintained by Government floating plant.



Consequences of Not Maintaining the Project

- Loss of jobs locally.
- Loss of recreational and charter fishing in the area.

Transportation Importance

- This project serves as an important Harbor of Refuge and supports charter fishing and Native American navigation interests.
- The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.

February 2008



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**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009
Whitefish Point, MI - Project Needs and President's Budget (\$1,000)**

Work Package	FY07 Need	FY07 Allocation	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget
Project Condition Surveys			20	20	0	0
Maintenance Dredging – Primary Work Package			220	220	0	0
TOTALS			240	240	0	0

Congressional Interests

- Representative Bart Stupak D-MI-1
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI



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Stakeholder Involvement

- ✓ Three meetings per year
- ✓ Need your input on critical system needs at your harbor or project
- ✓ Ops Chiefs from each District are available today
- ✓ Updated Fact Sheet booklets distributed today
- ✓ Web page is important mode of communication

www.lre.usace.army.mil/greatlakes/navigation



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Key Great Lakes Contacts

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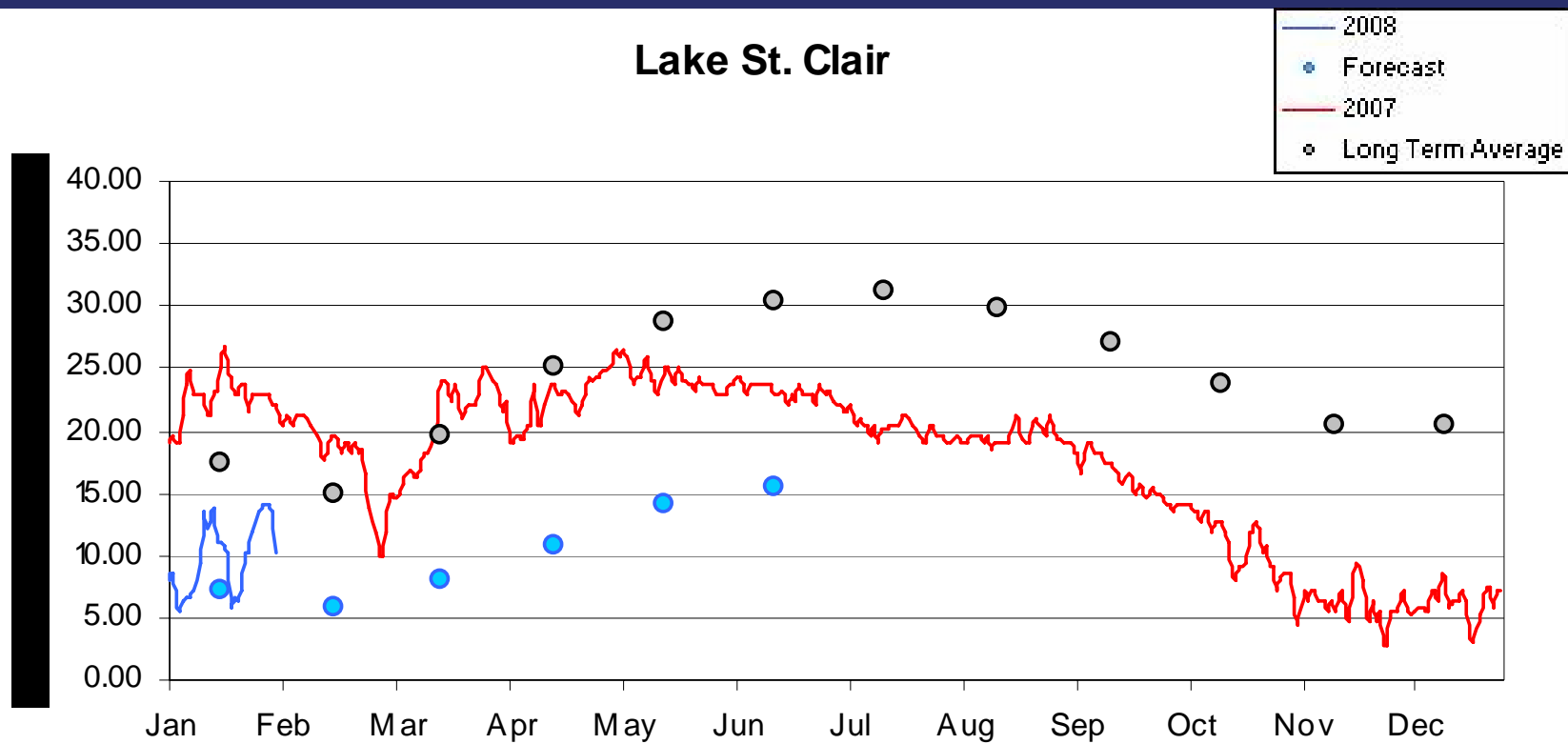
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Questions?



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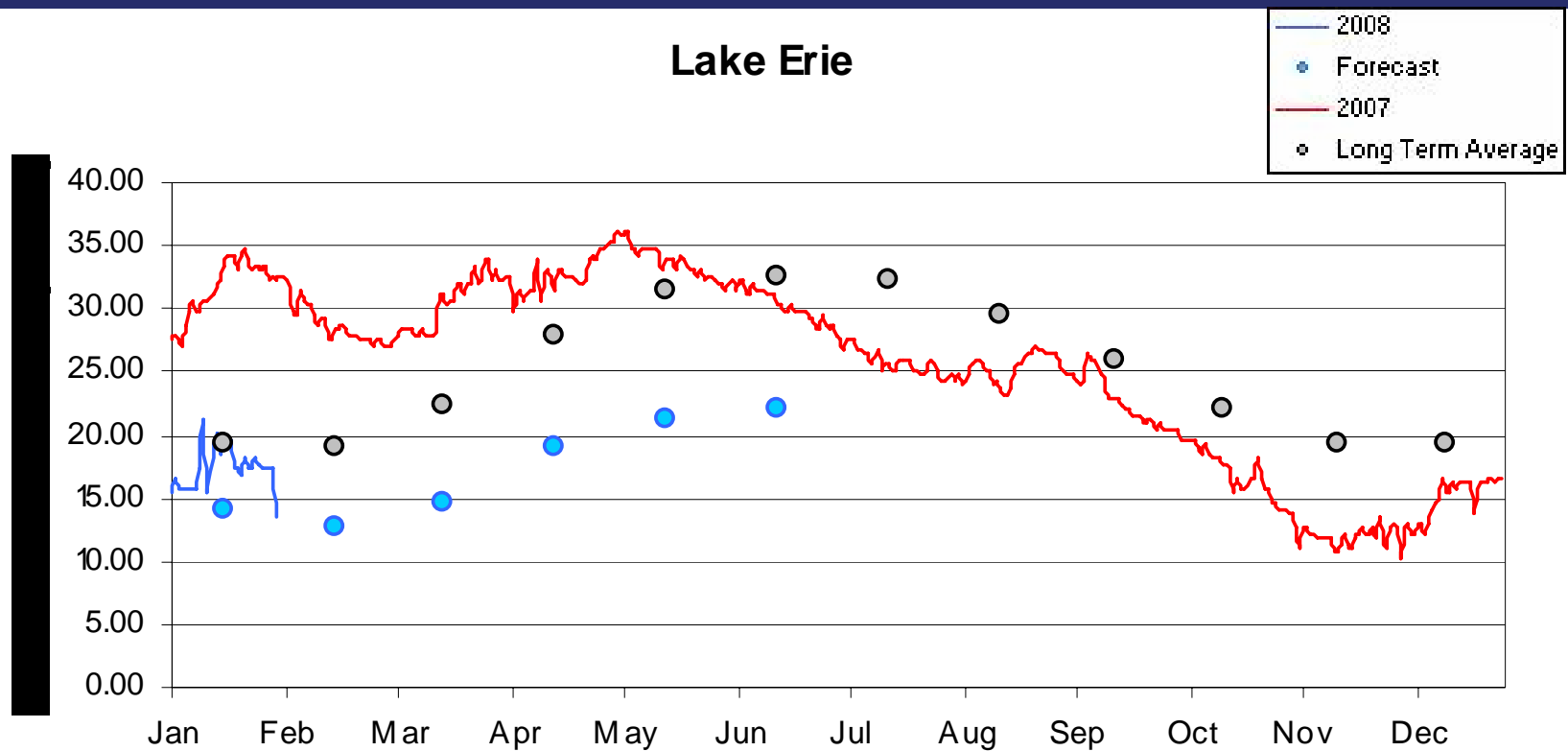
Lake St. Clair





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Lake Erie





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Lake Ontario

